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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Raha et al.  
SERIAL NUMBER : 09 905,325  
FILING DATE : July 13, 2001  
FOR : Methods of Identifying Renal Protective Factors

EXAMINER : Not Yet Assigned

ART UNIT : 1619

BOX IDS

Assistant Commissioner for Patents  
Washington, D.C. 20231



TRANSMITTAL LETTER

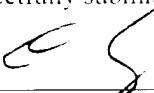
Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (1 page), in duplicate;
2. Modified Form 1449 PTO (4 pages), in duplicate;
3. Copies of cited references A1-A3 and C1-C71; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 21402-057 (Cura-357). A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

  
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Dated: December 19, 2001

TRA 1608508v1

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INFORMATION DISCLOSURE STATEMENT

Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is believed required. A copy of each of the references is enclosed unless otherwise indicated on the attached Form PTO-1449 (modified). Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 Reference No. 21402-057 (Cura-357).

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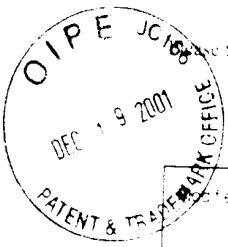
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Use as many sheets as necessary.

Application Number	09/905,325 00600
Filing Date	07/13/01
First Named Inventor	Raha
Group Art Unit	1619
Examiner Name	Not Yet Assigned
Attorney Docket Number	21402-057 (Cura-357)

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5.871.697	02/16/99	Rothberg et al.			10/24/95
	A2	4.837.028	06/06/89	Allen			12/24/86
	A3	4.737.323	04/12/88	Martin et al.			02/13/86

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication
	B1				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Ballantyne et al. (1992). "Characterization of the murine ICAM-1 gene." <i>Genomics</i> <u>14</u> : 1076-1080. GenBank Accession Number: <b>M90551</b>
	C2	Belin et al. (1985). "Cloning, nucleotide sequencing and expression of cDNAs encoding mouse urokinase-type plasminogen activator." <i>Eur. J. Biochem.</i> <u>148</u> (2): 225-232. GenBank Accession Number: <b>X02389</b>
	C3	Bergstrom et al. (1999). "Genetic and physical mapping of the dreher locus on mouse chromosome 1." <i>Genomics</i> <u>59</u> (3): 291-299. GenBank Accession Number: <b>G49234</b>
	C4	Blatti et al. (1988). "Induction of fibronectin gene transcription and mRNA is a primary response to growth-factor stimulation of AKR-2B cells." <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>8</u> : 1119-1123. GenBank Accession Number: <b>M18194</b>
	C5	Bornstein et al. (1990). "Characterization of the mouse thrombospondin gene and evaluation of the role of the first intron in human gene expression." <i>J. Biol. Chem.</i> <u>265</u> : 16691-16698. GenBank Accession Number: <b>J05605</b>
	C6	Cai et al. (1990). "Locus-specific cDNA cloning in the class I multigene family: Structure of H-2D-r and H-2D-s." <i>Immunogenetics</i> <u>32</u> : 456-459. GenBank Accession Number: <b>M34962</b>
	C7	Chen, et al., 1995 "Genomic structure of 24p3 gene." Unpublished. GenBank Accession Number: <b>L47696</b>
	C8	Chicheportiche and Vassalli (1994). "Cloning and expression of a mouse macrophage cDNA coding for a membrane glycoprotein of the scavenger receptor cysteine-rich domain family." <i>J. Biol. Chem.</i> <u>269</u> (8): 5512-5517. GenBank Accession Number: <b>X67809</b>
	C9	Coughlin, S.R. (1993). "Cloning of cDNA for the mouse thrombin receptor." Unpublished. GenBank Accession Number: <b>L03529</b>
	C10	Craig et al. (1989). "Osteopontin, a transformation-associated cell adhesion phosphoprotein, is induced by 12-O-tetradecanoylphorbol 13-acetate in mouse epidermis." <i>J. Biol. Chem.</i> <u>264</u> (16): 9682-

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Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		9689. GenBank Accession Number: <b>J04806</b>
C11		Cross et al. (1988). "Mouse lysozyme M gene: Isolation, characterization, and expression studies" <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>85</u> : 6232-6236. GenBank Accession Number: <b>M21047</b>
C12		Fletcher et al. (1991). "Structure and expression of TIS21 a primary response gene induced by growth factors and tumor promoters." <i>J. Biol. Chem.</i> <u>266</u> : 14511-14518. GenBank Accession Number: <b>M64292</b>
C13		Fukuda et al. (2001). "Novel splicing isoforms of synaptotagmin-like proteins 2 and 3: identification of the slp homology domain." <i>Biochem. Biophys. Res. Commun.</i> <u>283</u> (2): 513-519. GenBank Accession Number: <b>AB057756</b>
C14		Howard et al. (1989). "Intracerebral drug delivery in rats with lesion-induced memory deficits" <i>J. Neurosurg.</i> <u>71</u> (1): 105-112.
C15		Imaoka, S. (1995). Direct Submission. GenBank Accession Number: <b>D50834</b>
C16		Inouye and Nakamura (1986). "Novel cloning vehicles for polypeptide expression in microbial hosts." Patent: US 4624926-A 3 25-NOV-1986. GenBank Accession Number: <b>I02914</b>
C17		Joliot et al. (1991). "Antennapedia homeobox peptide regulates neural morphogenesis." <i>Proc Natl Acad Sci U S A</i> <u>88</u> (5): 1864-1868.
C18		Kimura and Owens (1987). "Mouse UDP glucuronosyltransferase. cDNA and complete amino acid sequence and regulation." <i>Eur. J. Biochem.</i> <u>168</u> (3): 515-521. GenBank Accession Number: <b>X06358</b>
C19		Koiwai, O. (1996). Direct Submission. GenBank Accession Number: <b>D87866</b>
C20		Kumar et al. (1994). "Murine VCAM-1: Molecular cloning, Mapping, and Analysis of a Truncated Form." Unpublished. GenBank Accession Number: <b>U12878</b>
C21		Kuno, K. (1995). Direct Submission. GenBank Accession Number: <b>D67076</b>
C22		Kurosawa and Tonegawa (1982). "Organization, structure, and assembly of immunoglobulin heavy chain diversity DNA segments." <i>J. Exp. Med.</i> <u>155</u> : 201-218. GenBank Accession Number: <b>J00434</b>
C23		Lanahan et al. (1992). "Growth Factor-Induced Delayed Early Response Genes." <i>Mol. Cell. Biol.</i> <u>12</u> : 3919-3929. GenBank Accession Number: <b>L02914</b>
C24		Larhammar et al. (1983). "Structure of the murine immune response I-A beta locus: sequence of the I-A beta gene and an adjacent beta-chain second domain exon." <i>Cell</i> <u>34</u> (1): 179-188. GenBank Accession Number: <b>V01527</b>
C25		Lee et al. (1993). "Molecular cloning and sequencing of sulfated glycoprotein-2 cDNA from testis of mouse: implications of two different mRNAs of SGP-2." <i>Cellular and Molecular Biology Research</i> <u>194</u> : 1175-1180. GenBank Accession Number: <b>D14077</b>
C26		Lener et al. (1998). "Molecular cloning, gene structure and expression profile of mouse C1 inhibitor." <i>Eur. J. Biochem.</i> <u>254</u> (1): 117-122. GenBank Accession Number: <b>AF010254</b>
C27		Li et al. (1996). "SM22 alpha, a marker of adult smooth muscle, is expressed in multiple myogenic lineages during embryogenesis." <i>Circ. Res.</i> <u>78</u> (2): 188-195. GenBank Accession Number: <b>U36588</b>
C28		Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: <b>AA003364</b>
C29		Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: <b>AA023491</b>
C30		Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: <b>AA023495</b>
C31		Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: <b>AA041815</b>
C32		Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: <b>AA186086</b>
C33		Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession

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Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	1	Number: AA261635
	C34	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AA423762
	C35	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AA462111
	C36	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AA466100
	C37	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AA592259
	C38	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AA689673
	C39	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AA689813
	C40	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AA986962
	C41	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AI006567
	C42	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AI048801
	C43	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AI272427
	C44	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AI314702
	C45	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AI530049
	C46	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AI595479
	C47	Marra et al. (1996). The WashU-HHMI Mouse EST Project. Unpublished. GenBank Accession Number: AI647790
	C48	Mason et al. (1996). "Evidence from molecular cloning that SPARC, a major product of mouse embryo parietal endoderm, is related to an endothelial cell 'culture shock' glycoprotein of Mr 43,000." <i>EMBO J.</i> 5(7): 1465-1472. GenBank Accession Number: X04017
	C49	Mbikay, M. (1989). Direct Submission. GenBank Accession Number: X15830
	C50	Mori, K. (1996). Direct Submission. GenBank Accession Number: D88899
	C51	Morris and Kepka-Lenhart (1998). "Differential regulation of arginases and inducible nitric oxide synthase in murine macrophage cells." <i>Am. J. Physiol.</i> 275(5): E740-E747. GenBank Accession Number: AF032466
	C52	Naggert et al. (1995). "Hyperproinsulinemia in obese fat/fat mice is associated with a point mutation in the carboxypeptidase E gene and reduced carboxypeptidase activity in the pancreatic islets." Unpublished. GenBank Accession Number: U23184
	C53	Nishiguchi et al. (1996). "A catalogue of genes in mouse embryonal carcinoma F9 cells identified with expressed sequence tags." <i>J. Biochem. (Tokyo)</i> 119(4): 749-767. GenBank Accession Number: D76695
	C54	Ozaki, T. (1995). Direct Submission. GenBank Accession Number: D50263
	C55	Phinney et al. (1995). "Complex Genetic Organization of junB: Multiple Blocks of Flanking Evolutionary Conserved Sequence at the Murine and Human junB Loci." <i>Genomics</i> In press. GenBank Accession Number: U20735



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**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C56	Rajavashisth et al. (1985). "Evolution of apolipoprotein E: Mouse sequence and evidence for an 11-nucleotide ancestral unit." <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>82</u> : 8085-8089. GenBank Accession Number: <b>M12414</b>
DEC 19 2001 PATENT & TRADEMARK OFFICE O I P E JCT 2001	C57	Rau et al. (1994). "A dinucleotide repeat in the mouse biglycan gene (EST) on the X chromosome." <i>Mamm. Genome</i> <u>5</u> (6): 395-396. GenBank Accession Number: <b>L20276</b>
	C58	Reed et al. (1990). "3T3-L1 adipocyte glucose transporter (HepG2 class): sequence and regulation of protein and mRNA expression by insulin, differentiation, and glucose starvation." <i>Arch. Biochem. Biophys.</i> <u>279</u> : 261-274. GenBank Accession Number: <b>M22998</b>
	C59	Saudek et al. (1989). "A preliminary trial of the programmable implantable medication system for insulin delivery." <i>N Engl J Med</i> <u>321</u> (9): 574-579.
	C60	Schmitz et al. (1997). "Molecular cloning of cDNA species for rat and mouse liver alpha-methylacyl-CoA racemases." <i>Biochem. J.</i> <u>326</u> (Pt 3): 883-889. GenBank Accession Number: <b>U89906</b>
	C61	Shi et al. (1995). "Cloning of cDNA and genomic structure of the mouse gamma-glutamyl transpeptidase-encoding gene." <i>Gene</i> <u>167</u> (1-2): 233-237. GenBank Accession Number: <b>U30509</b>
	C62	Shimizu, S. (1991). Direct Submission. GenBank Accession Number: <b>X62622</b>
	C63	Shimkets et al. (1999). "Gene expression analysis by transcript profiling coupled to a gene database query." <i>Nat Biotechnol</i> <u>17</u> (8): 798-803.
	C64	Sweeney et al. (1996). "A distinct cyclin A is expressed in germ cells in the mouse." <i>Development</i> <u>122</u> (1): 53-64. GenBank Accession Number: <b>X75483</b>
	C65	Tamai et al. (1991). "Sequence of EndoA gene encoding mouse cytokeratin and its methylation state in the CpG-rich region." <i>Gene</i> <u>104</u> (2): 169-176. GenBank Accession Number: <b>D90360</b>
	C66	Tokunaga et al. (1988). "Isolation of cDNA clones for mouse cytoskeletal gamma-actin and differential expression of cytoskeletal actin mRNAs in mouse cells." <i>Mol. Cell. Biol.</i> <u>8</u> : 3929-3933. GenBank Accession Number: <b>M21495</b>
	C67	Tolwani et al. (1994). "Molecular cloning and characterization of the mouse medium-chain acyl-CoA dehydrogenase cDNA." <i>Genomics</i> <u>23</u> (1): 247-249. GenBank Accession Number: <b>U07159</b>
	C68	Wang et al. (1986). "The mammalian beta-tubulin repertoire: hematopoietic expression of a novel, heterologous beta-tubulin isotype." <i>J. Cell Biol.</i> <u>103</u> (5): 1903-1910. GenBank Accession Number: <b>X04663</b>
	C69	Wiebauer et al. (1982). "Isolation and analysis of genomic DNA clones encoding the third component of mouse complement." <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>79</u> : 7077-7081. GenBank Accession Number: <b>J00369</b>
	C70	Wu and Wu (1987). "Receptor-mediated in vitro gene transformation by a soluble DNA carrier system [published erratum appears in J Biol Chem 1988 Jan 5:263(1):588]." <i>J Biol Chem</i> <u>262</u> (10): 4429-4432.
	C71	Yamamoto, S. (1988). Direct Submission. GenBank Accession Number: <b>X13333</b>

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application. Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.